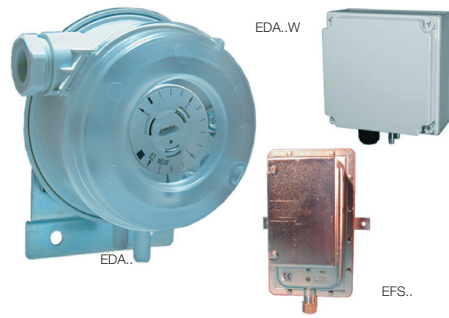


PRESSURE

AIR DIFFERENTIAL PRESSURE SWITCHES

EDA.. EFS..

To monitor air flow, dirty filters, flue draught, frost on coils & level. For positive, negative, vacuum & differential pressure. Suitable for non-corrosive, non-combustible air/gases.

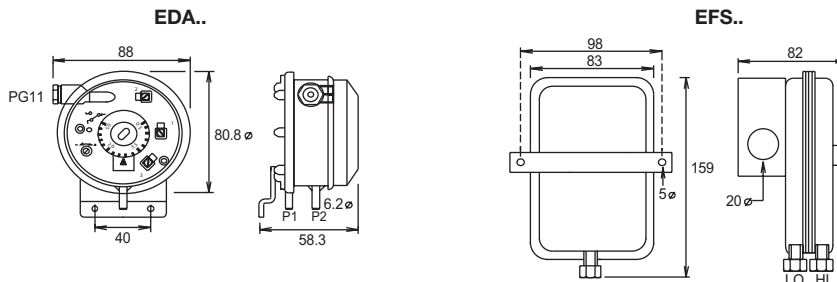


Adjustment under cover Volt free contacts
 Enclosure:
 EDA.. : Glass filled polycarbonate
 EFS.. : Steel zinc plated
 EFS-02HT - High Temperature model includes -
 2 x Brass Duct Adaptors for 6mm OD metal tube.
 Ensure that the pressure line is at least 1m long.
 Conversion: 1 mbar = 100 Pa Max. ambient 70°C
 Enclosure Flammability:
 EDA.. = UL94-V0
 W = UL94-V2

| Type | Range mb | Diff mbar approx | Max Press. mbar | 230VAC SPDT | Media Temp °C | Diaphragm Material | Pressure Connections | Enclosure |
|--------------------|----------|------------------|-----------------|-------------|---------------|--------------------|----------------------|-----------|
| EDA-22 | 0.2/3 | 0.1/0.4 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP54 |
| EDA-33 | 0.5/5 | 0.2/0.7 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP54 |
| EDA-44 | 1/10 | 0.3/1 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP54 |
| EDA-55 | 5/20 | 0.5/2 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP54 |
| EDA-22/IP65 | 0.2/3 | 0.1/0.4 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP65 |
| EDA-33/IP65 | 0.5/5 | 0.2/0.7 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP65 |
| EDA-44/IP65 | 1/10 | 0.3/1 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP65 |
| EDA-55/IP65 | 5/20 | 0.5/2 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP65 |
| EDA-22W | 0.2/3 | 0.1/0.4 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP65 |
| EDA-33W | 0.5/5 | 0.2/0.7 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP65 |
| EDA-44W | 1/10 | 0.3/1 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP65 |
| EDA-55W | 5/20 | 0.5/2 | 50 | 1(0.5)A | -20/+85 | Silicone | 6mm push-on | IP65 |
| EFS-02 | 0.13/30 | 0.05/2 | 35 | 10(2)A | 80 | Nitrile | 6mm comp | IP30 |
| EFS-02HT* | 0.13/30 | 0.05/2 | 35 | 10(2)A | >80 | Nitrile | 6mm comp | IP30 |

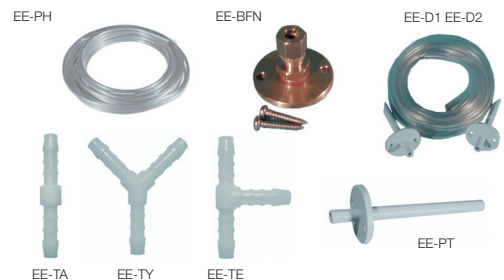
* includes 2x EE-BFN and 2x 2m long 10mm copper tube

DIMENSIONS

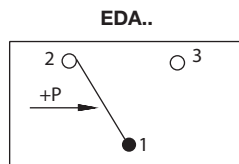


ACCESSORIES:

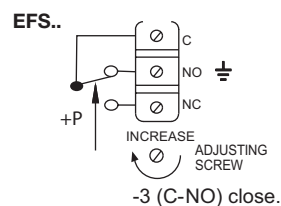
- EE-BFN** Brass duct flange for 6mm OD metal tube
- EE-CT6** Copper tube 6mm OD x 10m for EFS..
- EE-D1** Duct kit 2m EE-PH + 2xEE-PT for EFS-02
- EE-D2** Duct kit 2m EE-PH + 2xEE-PT for EDA..
- EE-PH15** PVC hose 5x8mm. x 15 metres
- EE-PT** 70mm Plastic duct adaptor for use with PVC hose
- EE-TE** Plastic T connector for use with PVC hose
- EE-TA** Plastic straight connector for use with PVC hose
- EE-TY** Plastic Y connector for use with PVC hose



WIRING:



On pressure rise to scale setting (range) contacts 1
 On pressure fall (diff.) contacts 1-2 (C-NC) close.



INSTALLATION:

Port + P1 HI = High Pressure .. connect to fan discharge or high pressure side of filter.
 Port - P2 LO = Low Pressure .. connect to fan suction or low pressure side of filter.
 The LP Port can be left open for fan/air flow monitoring. To monitor vacuum - connect the low pressure port to high vacuum side.
 Mount vertically as shown. Units can be mounted in other positions but may need a slightly higher pressure to operate.